



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books	
Search		Protein	for					Go	Clear
		Limits	Preview/Index	History	Clipboard		Details		
Display	default	Save	Text	Add to Clipboard					

☐ 1: A34169. alpha-2A-adrenerg...[gi:105270]

BLink, Domains, OMIM, Related Sequences, Domain
Relatives, PubMed, Taxonomy, LinkOut

LOCUS A34169 450 aa linear PRI 29-OCT-1999
 DEFINITION alpha-2A-adrenergic receptor - human.
 ACCESSION A34169
 VERSION A34169 GI:105270
 DBSOURCE pir: locus A34169;
 summary: #length 450 #molecular-weight 49016 #checksum 6268;
 genetic: #gene GDB:ADRA2A; ADRAR; ADRA2; ADRA2R ##cross-references
 GDB:120538; OMIM:104210 #map_position 10q25-10q25 #introns #status
 absent #status absent;
 superfamily: vertebrate rhodopsin;
 PIR dates: 22-Jan-1993 #sequence_revision 22-Jan-1993 #text_change
 29-Oct-1999.

KEYWORDS G protein-coupled receptor; transmembrane protein.
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (residues 1 to 450)
 AUTHORS Kobilka,B.K., Matsui,H., Kobilka,T.S., Yang-Feng,T.L., Francke,U.,
 Caron,M.G., Lefkowitz,R.J. and Regan,J.W.
 TITLE Cloning, sequencing, and expression of the gene coding for the
 human platelet alpha 2-adrenergic receptor
 JOURNAL Science 238 (4827), 650-656 (1987)
 MEDLINE 88042789
 PUBMED 2823383

REFERENCE 2 (residues 1 to 450)
 AUTHORS Fraser,C.M., Arakawa,S., McCombie,W.R. and Venter,J.C.
 TITLE Cloning, sequence analysis, and permanent expression of a human
 alpha 2-adrenergic receptor in Chinese hamster ovary cells.
 Evidence for independent pathways of receptor coupling to adenylate
 cyclase attenuation and activation
 JOURNAL J. Biol. Chem. 264 (20), 11754-11761 (1989)
 MEDLINE 89308571
 PUBMED 2568356

REFERENCE 3 (residues 1 to 450)
 AUTHORS Chhajlani,V., Rangel,N., Uhlen,S. and Wikberg,J.E.
 TITLE Identification of an additional gene belonging to the alpha 2
 adrenergic receptor family in the human genome by PCR
 JOURNAL FEBS Lett. 280 (2), 241-244 (1991)
 MEDLINE 91192139
 PUBMED 1849485

FEATURES
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 61 sralkapqnl flvslasadi lvatlvipfs lanevmgywy fgkawceiyl aldvlfctss

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121 ivhlcaisld rywsitgaie ynlkrtpri kaiiitvwvi savisfppli siekkggggg
181 pqpaepcei ndqkwyviss cigsffapcl imilvyvriy qiakrrtrvp psrrgpdava
241 appggterrp nglgpersag pggaeaeppl tqlngapgep apagprtda ldleesssd
301 haerppgpr pergprgk gk arasqvkpgd slrgagrgr gsgrrlqgrg rsasglprrr
361 agaggqnrek rftfvlavvi gvfvcwfpf fftytltag csvprtlfk ffwfgycnss
421 lnpviytifn hdfrrafkki lcrgdrkriv
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Revised: July 5, 2002.

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Jul 16 2002 16:59:17



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search		Protein	▼ for				Go	Clear
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Display	default	▼	Save	Text	Add to Clipboard			

☐ 1: AAG00447. adrenergic
recept...[gi:9864782]

BLink, Domains, Nucleotide, Related Sequences, Domain
Relatives, Taxonomy, LinkOut

LOCUS AAG00447 450 aa linear PRI 22-AUG-2000
 DEFINITION adrenergic receptor alpha-2A [Homo sapiens].
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 VERSION AAG00447.2 GI:9864782
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 SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (residues 1 to 450)
 AUTHORS Castellano,M., Giacche',M., Rossi,F., Rivadossi,F., Perani,C.,
 Beschi,M. and Agabiti Rosei,E.
 TITLE A search for genetic variability in the human alpha-2 adrenergic
 receptor on chromosome 10
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 450)
 AUTHORS Castellano,M., Giacche',M., Rossi,F., Rivadossi,F., Perani,C.,
 Beschi,M. and Agabiti Rosei,E.
 TITLE Direct Submission
 JOURNAL Submitted (29-APR-2000) Medical and Surgical Sciences, University
 of Brescia, Spedali Civili di Brescia, Brescia I-25100, Italy
 REFERENCE 3 (residues 1 to 450)
 AUTHORS Castellano,M., Giacche',M., Rossi,F., Rivadossi,F., Perani,C.,
 Beschi,M. and Agabiti Rosei,E.
 TITLE Direct Submission
 JOURNAL Submitted (22-AUG-2000) Medical and Surgical Sciences, University
 of Brescia, Spedali Civili di Brescia, Brescia I-25100, Italy
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 COMMENT Sequence update by submitter
 On Aug 22, 2000 this sequence version replaced gi:9837146.
 Method: conceptual translation.
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 181 pqpaerpei ndqkwyviss cigsffapcl imilvyvri qiakrrtrvp psrrgpdava
 241 appggterrp nglgpersag pggaeaeplp tqlngagep apagrtda ldleessssd
 301 haerppgrrr pergprgk gk arasqvkpgd slprrgpgat gigtpaagpg eervgaakas
 361 rwrgrqnrek rftfvlavvi gvfvvcwfpf fftytltavg csvprtlfkf ffwfgycnss
 421 lnpviytifn hdfrrafkki lcrgrdrkriv

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Protein

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search		Protein	for			Go	Clear	
Limits		Preview/Index		History		Clipboard		Details
Display	default	Save	Text	Add to Clipboard				

☐ 1: AAF91441. alpha 2A
adrenerg...[gi:9652210]

BLink, Domains, Nucleotide, Related Sequences, Domain
Relatives, PubMed, Taxonomy, LinkOut

LOCUS AF281308_1 450 aa linear PRI 05-DEC-2000
 DEFINITION alpha 2A adrenergic receptor [Homo sapiens].
 ACCESSION AAF91441
 VERSION AAF91441.1 GI:9652210
 DBSOURCE locus AF281308 accession AF281308.1
 KEYWORDS .
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (residues 1 to 450)
 AUTHORS Small,K.M., Forbes,S.L., Brown,K.M. and Liggett,S.B.
 TITLE An asn to lys polymorphism in the third intracellular loop of the
 human alpha 2A-adrenergic receptor imparts enhanced
 agonist-promoted Gi coupling
 JOURNAL J. Biol. Chem. 275 (49), 38518-38523 (2000)
 MEDLINE 20556293
 PUBMED 10948191
 REFERENCE 2 (residues 1 to 450)
 AUTHORS Small,K.M., Forbes,S.L., Bridges,K.M. and Liggett,S.B.
 TITLE Direct Submission
 JOURNAL Submitted (22-JUN-2000) Internal Medicine, University of
 Cincinnati, 231 Bethesda Ave., Cincinnati, OH 45267, USA
 COMMENT Method: conceptual translation supplied by author.
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421 lnpviytifn hdfrrafkki lcrgrdrkriv

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Protein

PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM	Books
Search		Protein	for				Go	Clear
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Display	default	Save	Text	Add to Clipboard				

☐ 1: AAK51162. alpha-2A
adrenerg...[gi:14029163]

BLink, Domains, Nucleotide, Related Sequences,
Domain Relatives, Taxonomy, LinkOut

LOCUS AAK51162 450 aa linear PRI 12-MAY-2001
 DEFINITION alpha-2A adrenergic receptor [Homo sapiens].
 ACCESSION AAK51162
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 DBSOURCE accession AY032736.1
 KEYWORDS .
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (residues 1 to 450)
 AUTHORS Liu,L. and Yuan,L.
 TITLE Human alpha-2A adrenergic receptor gene and the genotype of -1296
 nucleotide and motionsickness
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 450)
 AUTHORS Liu,L. and Yuan,L.
 TITLE Direct Submission
 JOURNAL Submitted (17-APR-2001) Key Laboratory of Molecular Biology,
 General Hospital of Airforce, Fucheng Road No. 30, Beijing 100036,
 China
 COMMENT Method: conceptual translation supplied by author.
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301 haerppgprp pergprgkpk arasqvkpgd slprrgpgat gigtpaagpg eervgaakas
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